

Expert in Virtualization



Our Vision

Digitalization will be deeper in every industry and every scenarios

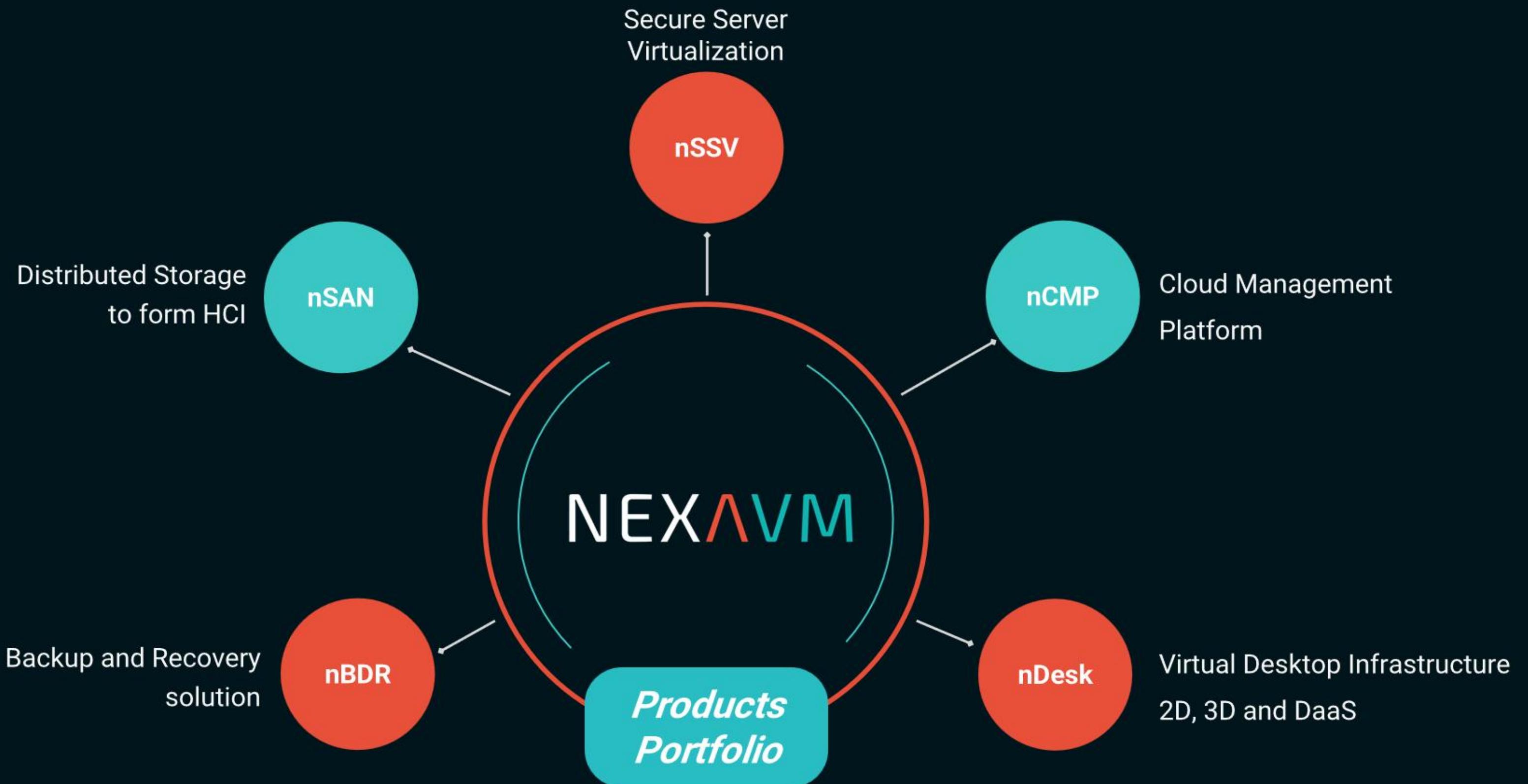
Software will play big role in commercialize AI uses cases



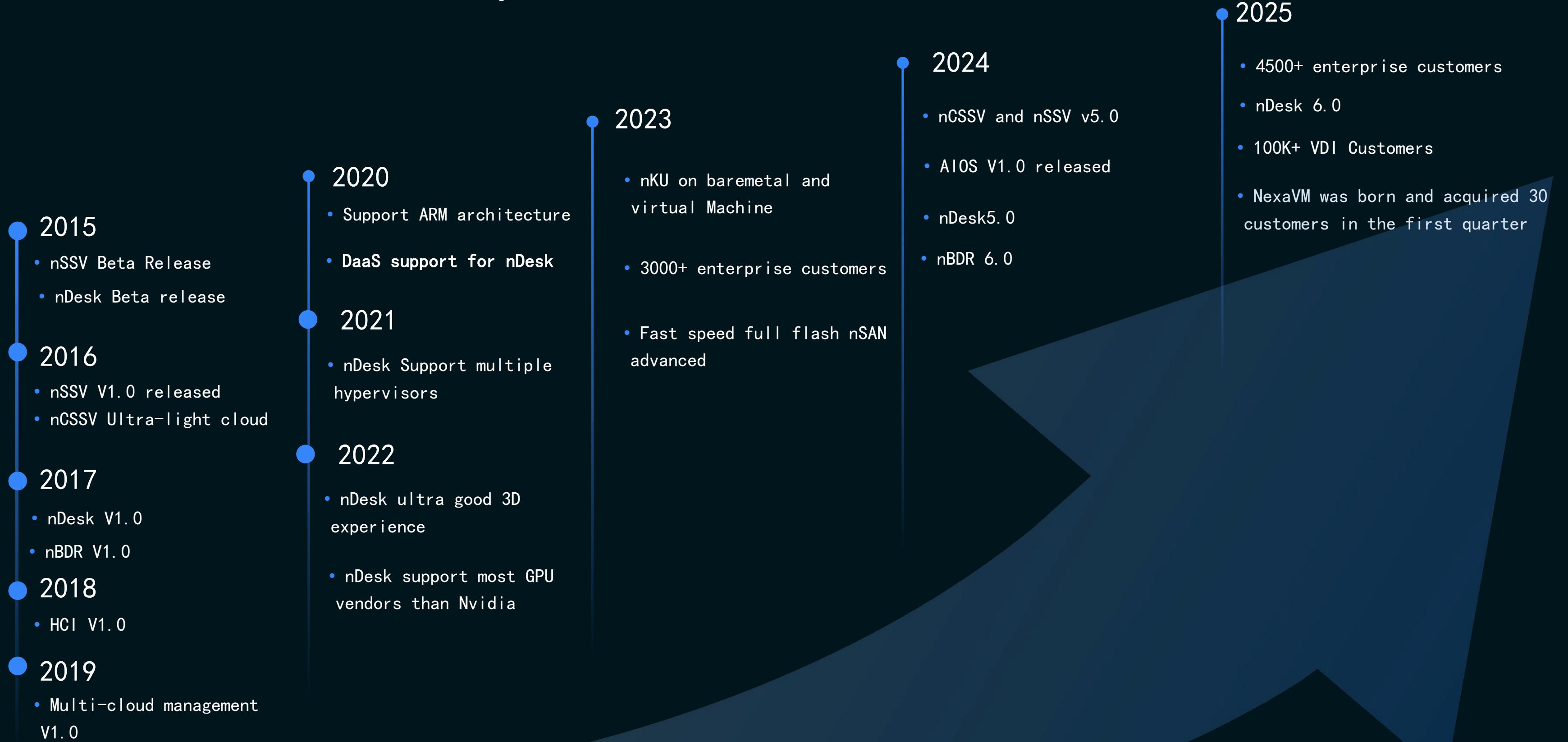
Our Mission

Expert in solving all problems related to virtualization in the digital transformation

Provide sustainable long term benefit to the market



Milestones of the products



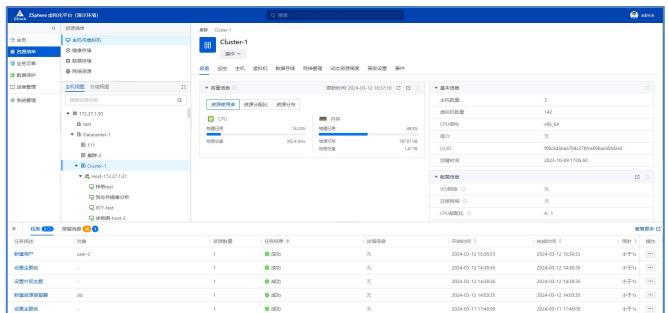
vmware replacement Plan

360 degree replacement of Vmware



NEXAVM

NexaVM nSSV



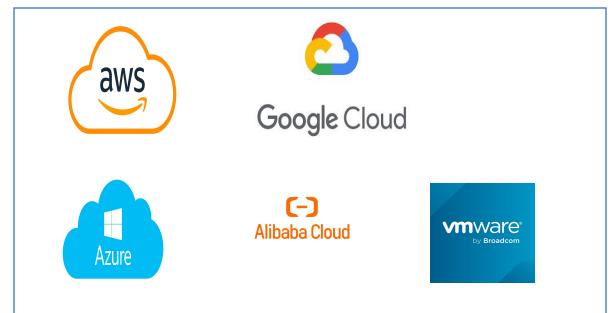
NexaVM HCI
nSSV+nSAN



NexaVM nCMP



NexaVM nMCM



vSphere

vSphere+vSAN

vSphere+vSAN+NSX+Arria+TKG...



vCenter Standard/essential+

vSphere Standard/essential+



vSphere enterprise

vSAN Enterprise

vCenter Enterprise



vSphere Enterprise +

SDDC Manager

NSX Enterprise +

AON Enterprise

vSAN Enterprise



vSphere Enterprise +

SDDC Manager

NSX Enterprise +

VMware Aria Cloud Management

vSAN Enterprise

Seamless Migration from Vmware



NEXAVM

Cloud

Setup Wizard 11/12/2025 08:55:25 AM | Administrator admin

#	Type	Display Name	User	Username / Access key ID / Tenant ID Time	Details
1	Cloud	NexaVMnSSV#10.10.1.15	admin	10.10.1.15 (AccessKey ID : 6C64PnjWNUVu3bEhbW5D) 2025-11-12 05:56:36	
2	vm	GTW	admin	10.10.1.25 (VMware vCenter Server 6.7.0 build-24323669) 2025-11-12 06:13:27	

+ Add Edit Delete

Control Center

10.0.676.0

0 learning curve for vmware certified engineers



NEXAVM

nSSV admin

Host > host-1

host-1 Management Node

Enter Web Terminal

Actions

Overview Monitoring Hardware Device Kernel Adapter Virtual Machine Alarm Event

Basic Info

State	Enabled
Status	Connected
Power Status	IPMI Unmanaged
VMs	9
Host IP	192.168.30.216
SSH Username	root
SSH Port	22
Operating System	helix Green Obsidian 8.4
Host IQN	iqn.2015-01.io.helix:67da5bf5e72b
Uptime	4 days 23 hours 54 minutes 40 seconds
Description	Empty
UUID	6b30e63041644b1ca36e187ba8acbc01
Addition Time	2025-09-12 15:59:28

Capacity Info Updated at: 2025-11-12 18:41:30

Utilization	Allocation Ratio	Distribution
CPU	Memory	Storage
Physical Used 12.53%	Physical Used 16.01%	Physical Used 21.17%
Physical Available 87.47%	Physical Available 210.95 GB	Physical Available 2.4 TB
Physical Total 33.6 GHz	Physical Total 251.15 GB	Safety Threshold Capacity 357.52 GB
		Physical Total 3.49 TB

Hardware Overview

Host Model	INSPUR
Serial Number	819425385
CPU Model	Intel(R) Xeon(R) Silver 4110 CPU @ 2.10GHz
CPU Clock Speed	2.10 GHz
Physical CPU Cores	8 cores
Logical CPU Cores	16 cores
CPU Architecture	x86_64
Physical NIC	● UP 1 ● DOWN 7
NUMA	View pNUMA Topology

Secured Hypervisor nSSV

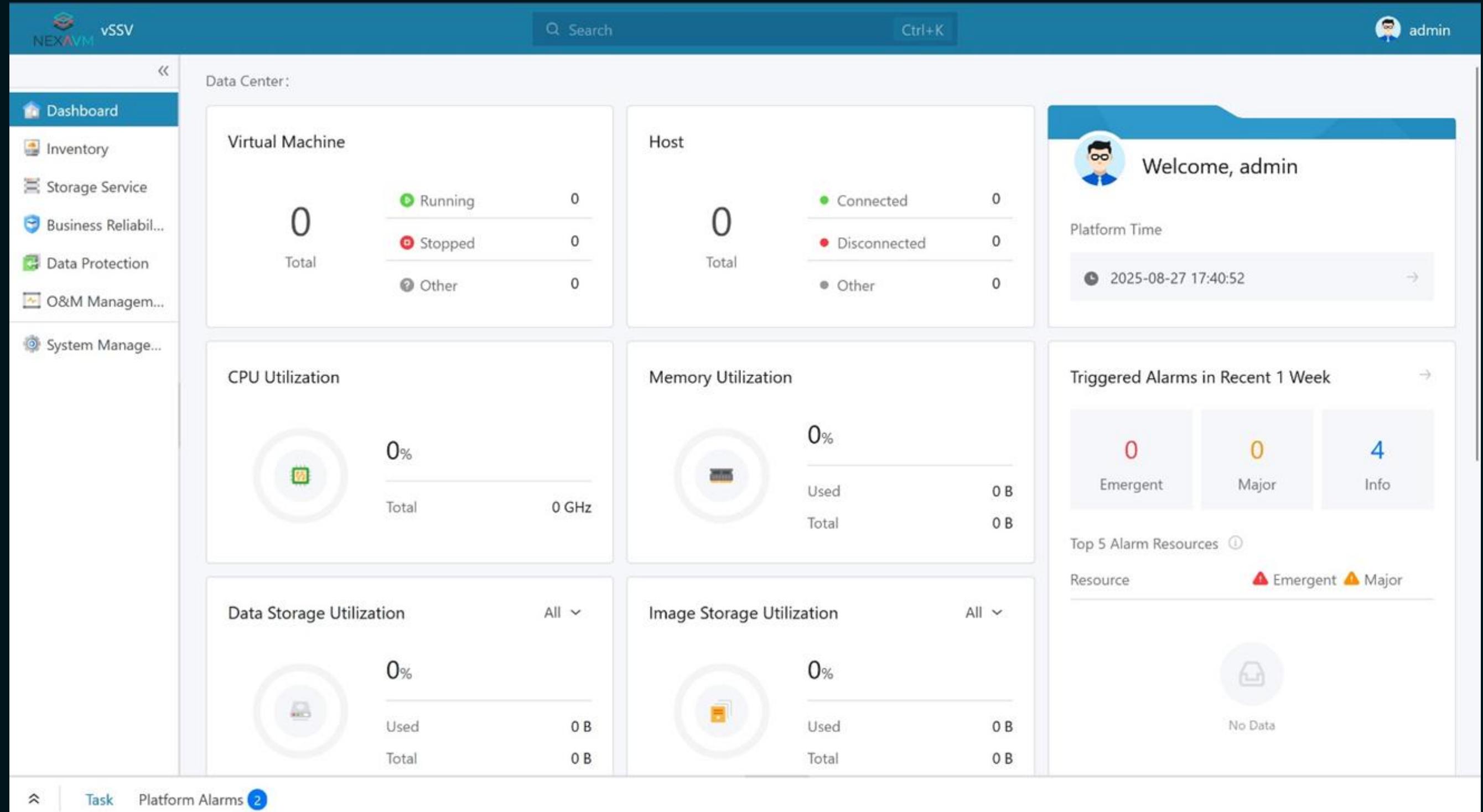
NEXAVM nSSV - secure hypervisor



Key highlights:

- Simple to use
- fast responsive GUI operation
- high performance
- great compatibility
- unmatched scalability
- improving eco system

Technically well integrated with multiple backup software

A screenshot of the NEXAVM nSSV dashboard. The top navigation bar includes the NEXAVM logo, a search bar, a "Ctrl+K" hotkey, and a user account for "admin". The dashboard is titled "Data Center:" and features several performance metrics and status indicators. On the left, a sidebar menu lists "Dashboard", "Inventory", "Storage Service", "Business Reliabil...", "Data Protection", "O&M Managem...", and "System Manage...".

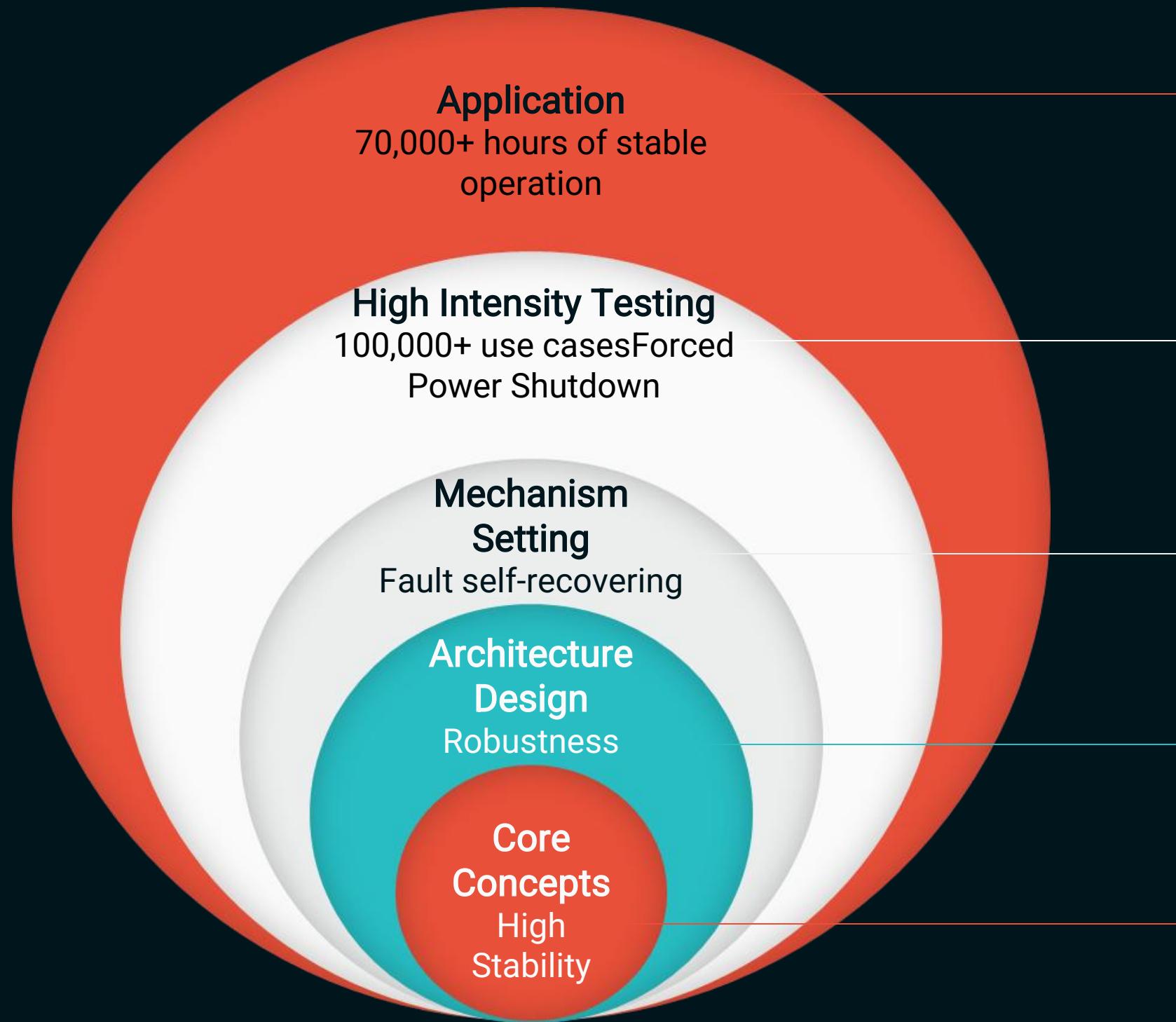
- Virtual Machine**: Shows 0 total VMs with 0 Running, 0 Stopped, and 0 Other.
- Host**: Shows 0 total hosts with 0 Connected, 0 Disconnected, and 0 Other.
- CPU Utilization**: Shows 0% utilization with 0 GHz total.
- Memory Utilization**: Shows 0% utilization with 0 B used and 0 B total.
- Data Storage Utilization**: Shows 0% utilization with 0 B used and 0 B total.
- Image Storage Utilization**: Shows 0% utilization with 0 B used and 0 B total.

On the right side, there is a "Welcome, admin" message, a "Platform Time" section showing 2025-08-27 17:40:52, a "Triggered Alarms in Recent 1 Week" section with 0 Emergent, 0 Major, and 4 Info alarms, and a "Top 5 Alarm Resources" section with a "No Data" message.

STABLE and RELIABLE Hypervisor



NEXAVM



70,000+ hours of stable operation
Carrying enterprise production-level applications and supporting financial core trading systems.

100,000+ automated test cases, 1,000 hours of automated testing for each version; 4,500 forced power shutdown tests per month, the ultimate test of product stability and reliability.

Fault self-recovering through management service HA, network HA, VM HA, VM failure detection, business failure detection.

Full plug-in architecture, in-process micro-services, redundant database, metadata consistency

Power failure self-recovery, no data loss, no daily downtime

NexaVM HCI

HCI consolidate hardware and remove Silos



Open architecture managing all workloads

Single Cluster Management

Multi Clusters Management

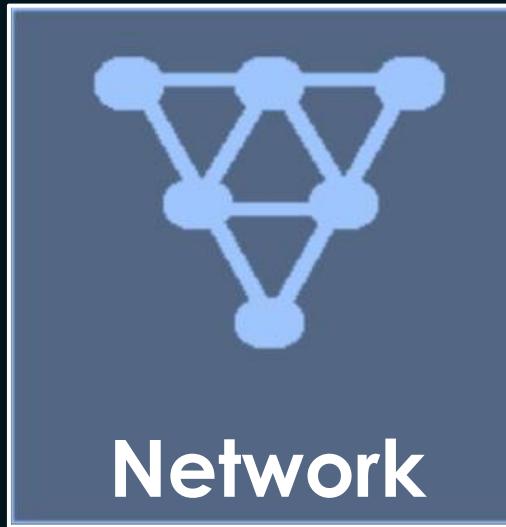
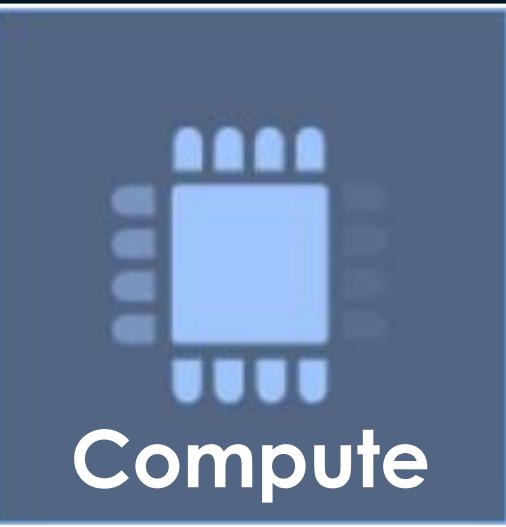
Multi-vendor Management

Multi-Cloud Management



Innovation

All infrastructure hardware are virtualized into X86 Servers



Compute

Storage

Network

Security

Distributed storage Solutions Options

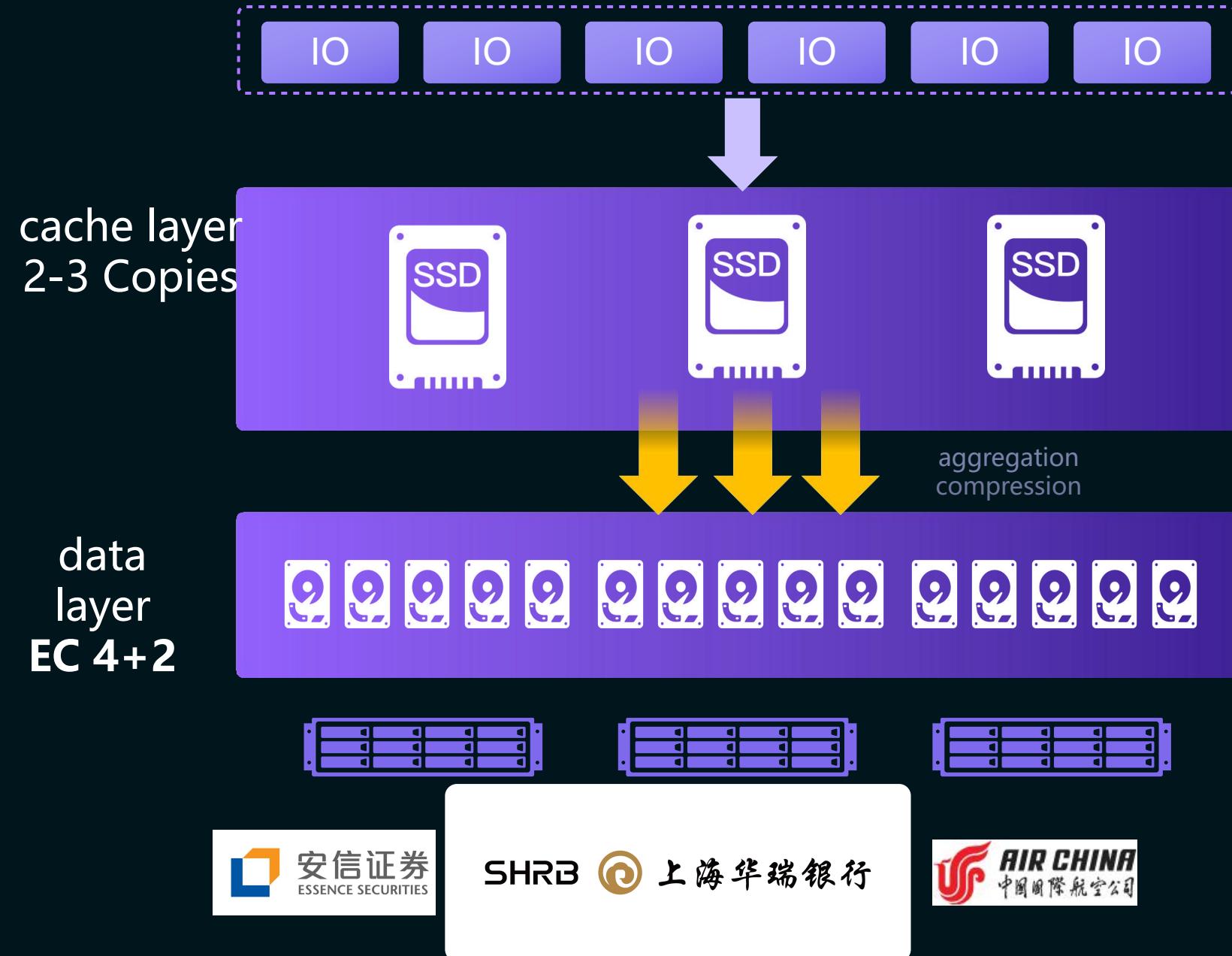
nSAN: Ceph based distributed block storage made for less IOPS intensive use cases. less than 50% of the raw disks are usable.

nSAN-flash: Full flash distributed storage, 100% self-developed software serving high performance block storage. less than 50% of the raw disks are usable.

nSDS: suitable for all use cases especially in need of large deployments with need of block, file and object storage. want to have high ratio of utilization of the hardware disks. more than 65% of the raw disk are usable.



nSDS: Best-in-Class Mixed-Flash Architecture



"Cache that will never be broken."

-Patented data flushing technology

Customer Pain Points

- As the number of business accesses increased, the cache was insufficient and **write performance dropped by 97%**;
- SSD failure or end-of-life, the corresponding HDD data needs to **be reconstructed**;
- Three copies **are costly**.

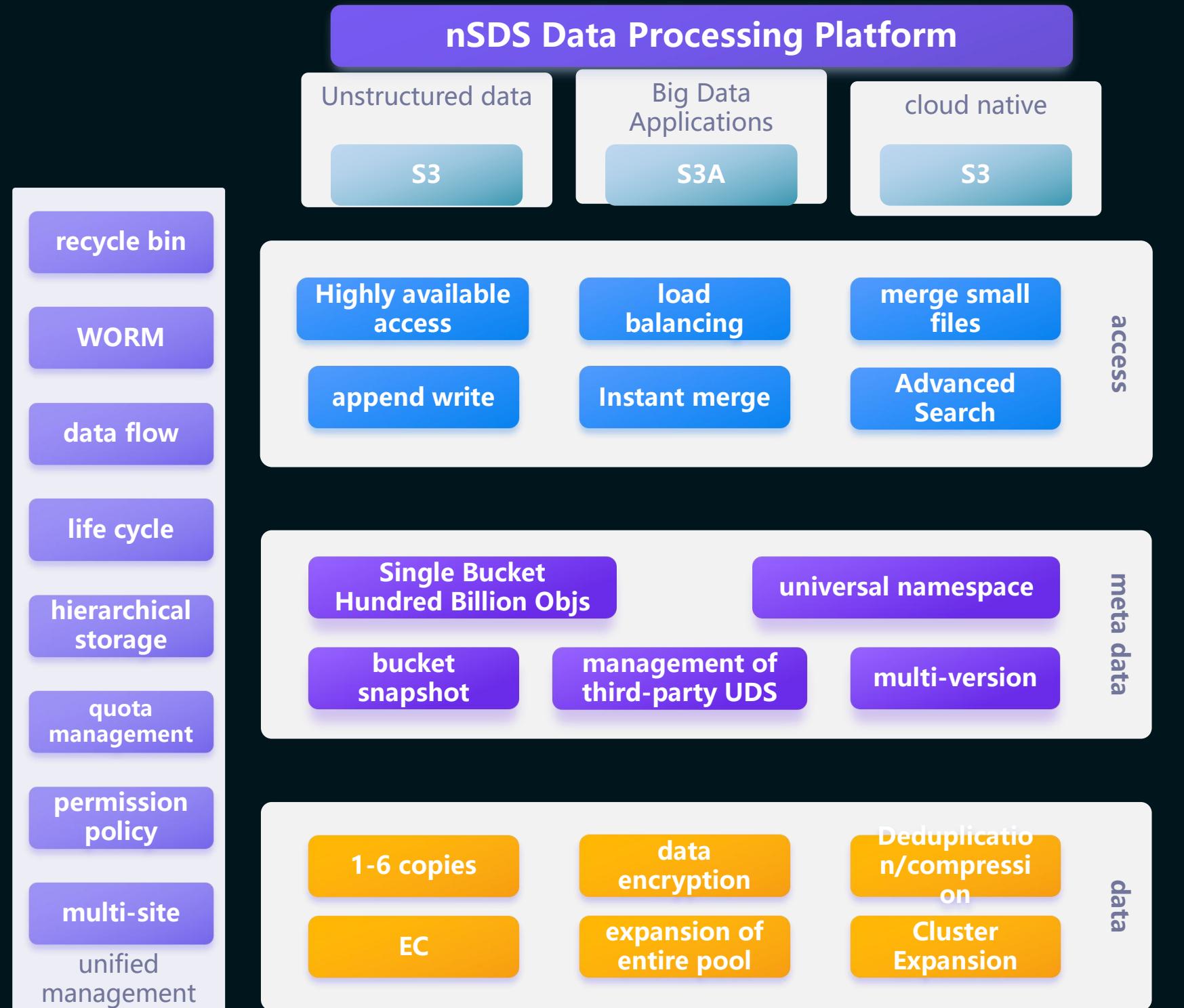
Architecture Features

- Innovative aggregation of small random writes in the SSD Cache layer into large sequential writes to **solve performance problems in data flushing scenarios**;
- Aggregate Appendonly writes for **efficient EC+compression and capacity**;
- Small files merging so that space is not wasted;
- Supports independent expansion of SSD and HDD, **replacing SSD does not affect HDD data**.

customer value

- Guarantee 50%-75% peak performance during sudden business peaks to **ensure business continuity**;
- Up to **300% reduction in hard disk purchase costs**

nSDS: Best Unstructured Data Engine



Customer Pain Points

- Limited file number for bucket specifications and complex management
- Data management cannot be automated
- Lack of QoS mechanisms to ensure business-critical quality of service
- Low level of automation of data flow and single function

Architecture Features

- Independent metadata service supporting hundreds of billions in a single bucket with no performance degradation
- Token ring mechanism to support business and backend load control, user and bucket level control
- Efficient filtering of lifecycle data, rich filtering rules
- Supports multiple data management policies and rich secondary storage types

Value gains

- Massive amount of files, easy to manage, reduce TCO
- Infinitely scalable, bucket performance is independent of file number
- Support for business-critical QoS

nSDS Product Path



Focus on Business
Innovation

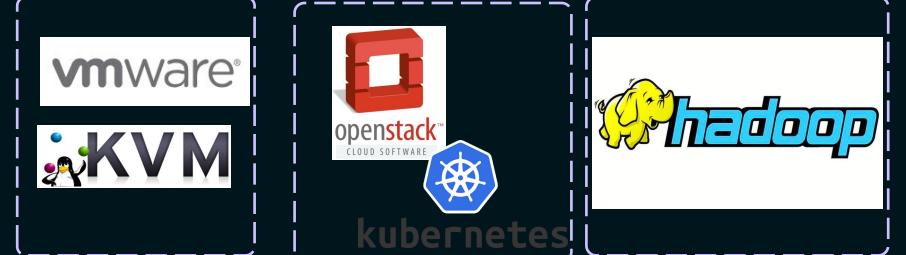
Focus on Business
Continuity

Focus on High
Performance

Innovative Business



Production Operations



Core Business



SDS V2

- Released distributed block storage products
- Release of Object Storage

SDS V3

- Released first generation of enterprise-class file storage
- Released a protocol-wide unified storage

SDS V4

- Released nSDS V4, focusing on user scenarios and more optimized for a single scenario
- Release of storage all-in-one to meet the need for harmonization of procurement and services

SDS V5

- Released data operating system to support multiple cores in one pool
- Announcing a new distributed file store
- Released open content platform, business and object storage linkage
- Converged Computing with Separate Deployment

SDS V6

- Released nSDS V6, fully escorting critical business
- Released next-generation object storage to support hyperscale scenarios

XEBS-XINFINI All-NVMe

- Release All- NVMe Nodes (Blocks) for Extreme Performance
- support for high-performance VMs
- provides intelligent data processing and mobility services

SDS XGFS/XEUS- XINFINI

- Release of All NVMe Nodes (File, Unified Storage, across ARM and X86 hardware)

SDS V7

- nSDS V7 released, all-flash and mixed-flash co-clustering, data flow

2016

2018

2019

2021

2022

2024H1

2024H2

2025

NexaVM MCMP

Why NexaVM Multi-Cloud Management Platform



70% OPEX reduction



reduce workload and mistakes

- online automated deployment
- one click deployment of resource and application
- manage workload across clouds
- integrate and manage different Isolated Systems.

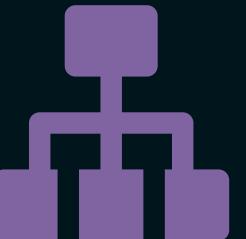
Reduce Waste



identify wasted resources

- life cycle management of resources
- 360 degree of cost control
- comprehensive billing analysis
- regular optimization report

Faster TTM



TTM reduced up to 90%

- customize life cycle management automatically
- predefined policies
- visualize approval process
- follow ISO/IEC 20000

Cloud Service provider or large enterprise



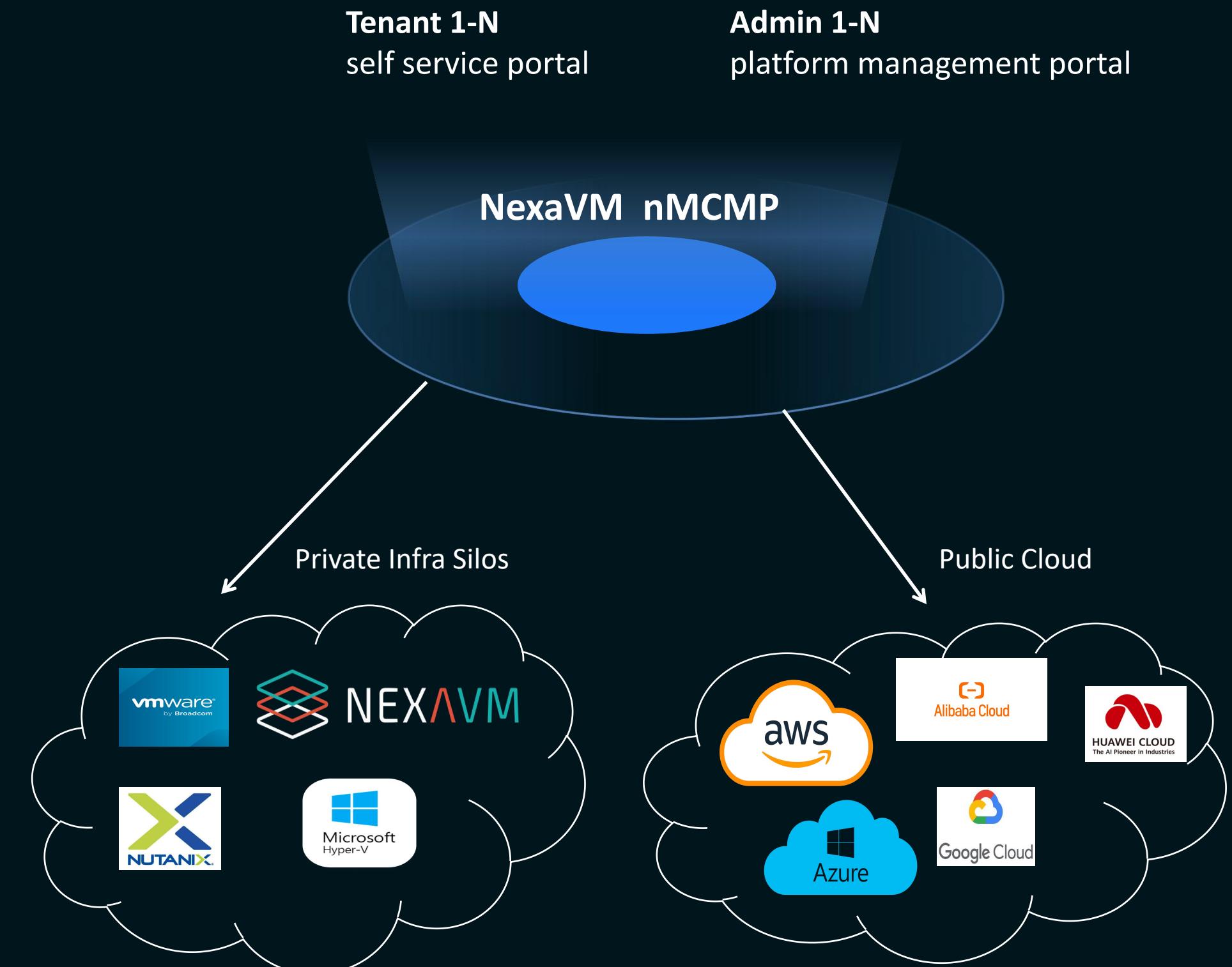
Hybrid cloud construction

One customer has both private infrastructure and public cloud for their business systems



Consolidate Management Infra-Vendors

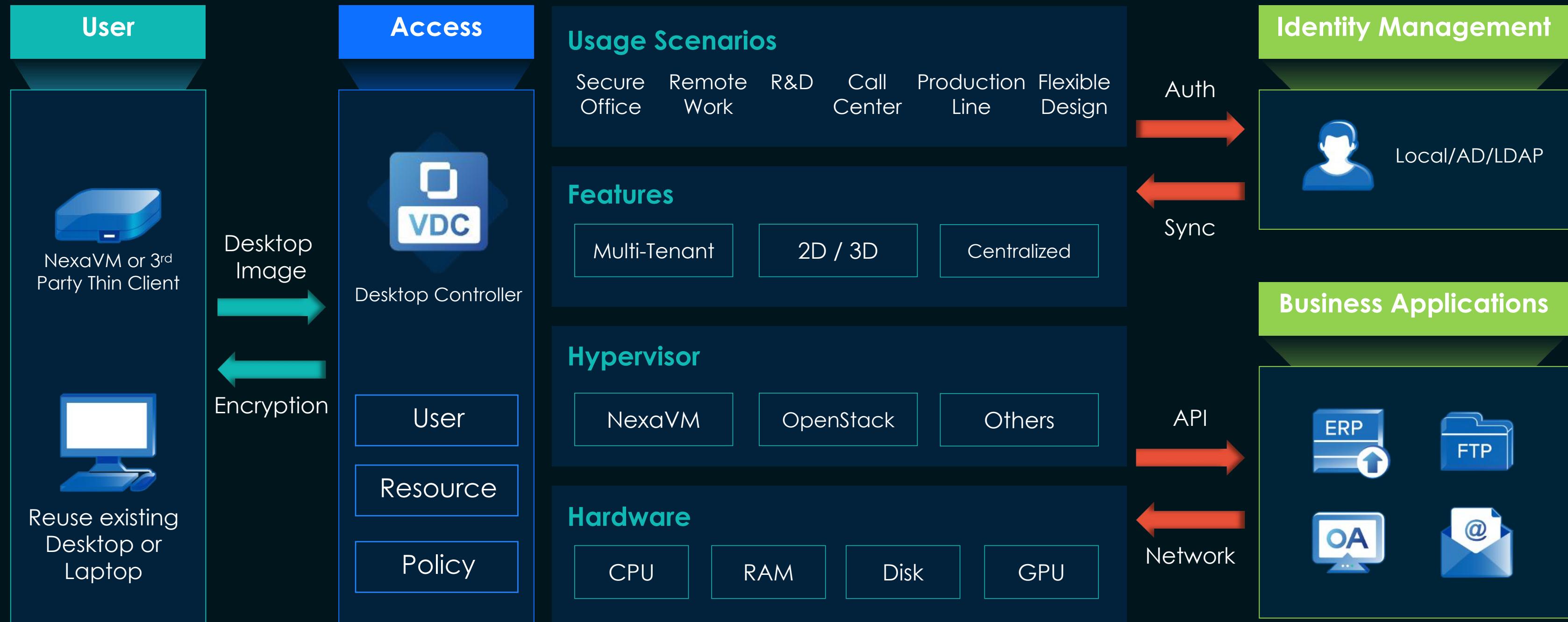
Multiple clusters of technologies from different vendors i.e NexaVM/Vmware/Nutanix/HyperV..... more integrations could be customized driven by customer need



NexaVM VDI

NexaVM nDesk | Architecture

Provides a one-stop secure, efficient, and resilient workspace solution
For business transformation.



VDI is Popular in these Industrial Sectors

General Enterprise

- Secure Office
- Remote Work
- Call Center
- R&D Department



Education

- University Computer Lab
- E-Library



Manufacturing

- Production Line
- Product Design



BFSI

- Secure Office
- R&D Department
- Service Hall



Government

- Secure Office
- Service Hall
- Remote Work



Healthcare

- Doctor's Office
- Nurse Station
- Reception



Feature Offerings of NexaVM nDesk Solution



Data Security

- DLP Solution (Watermark, Peripheral Control)
- Desktop Backup
- Encrypted Transmission
- Disk Error Protection
- Centralized Data in HQ



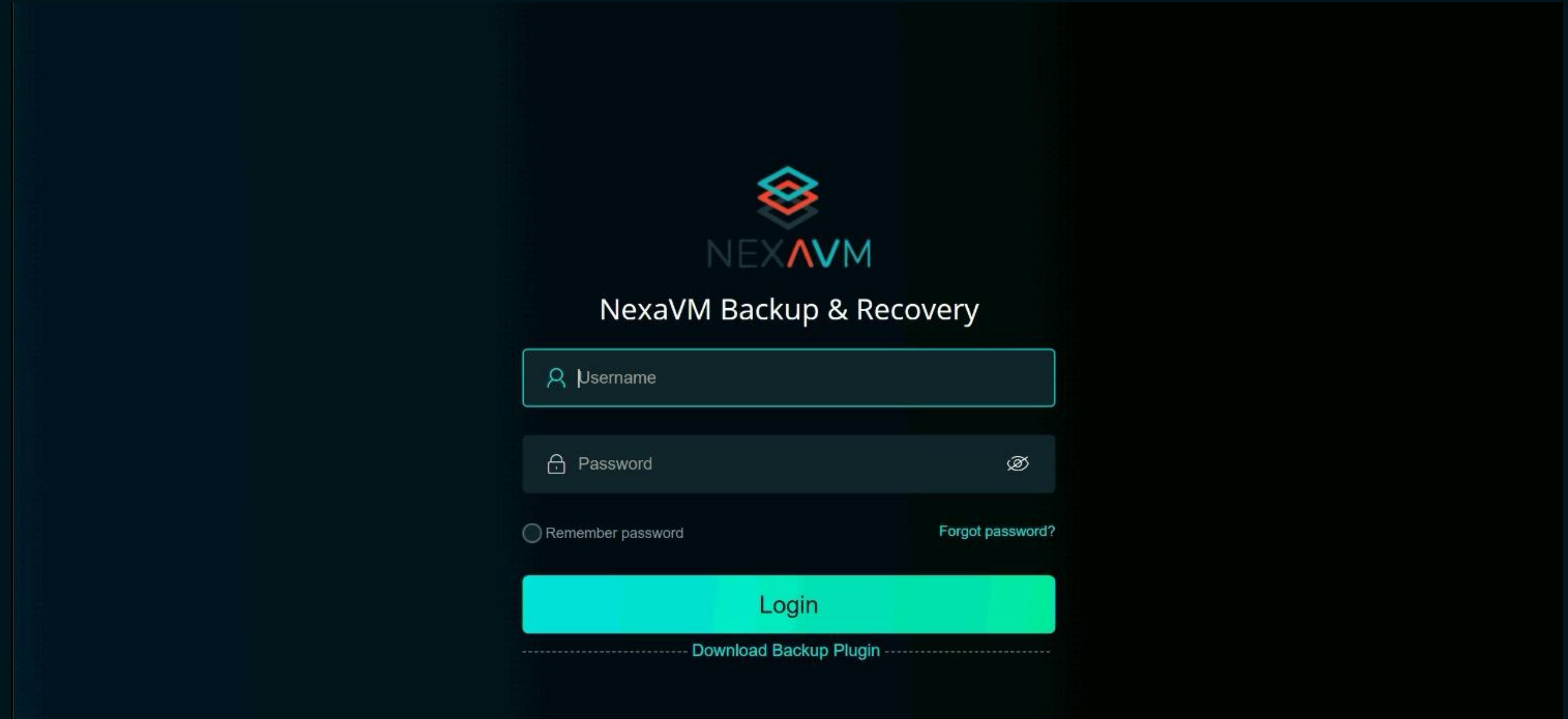
Efficiency Improvement

- Unified Management Solution for VDI Servers, Thin Client and VDI Software
- Standard Delivery Solution
- Desktop Management
- Multi-Tenancy



Resilient Solution

- Elastic & Shared Solution
- Remote Work Solution
- Reutilize existing investment on PCs
- Temporary Work Solution
- 2D and 3D Solutions
- Lightweight Solution





The screenshot displays the NEXAVM backup software interface. At the top, a dark header bar shows the 'NEXAVM' logo, the 'Server time 2025-10-24 17:50:08', a red notification badge with the number '33', and a user icon for 'admin'. The main content area is divided into several sections:

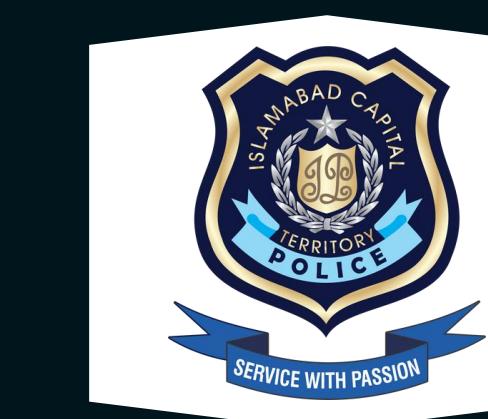
- Home:** A summary section with four cards: '11 day(s) Total Uptime' (blue), '61.82GB Total Backup' (green), '5 Current Jobs' (light blue), and '38 History Jobs' (purple).
- Jobs:** A section showing the count of jobs in different states: Running (0), Pending (1), Completed (5), Exception (0), and Failed (33).
- Backups:** A summary of total backups: 'Total 13' (light green), 'Protected 1' (light green), and 'Backup Data 1.81GB' (green).
- Virtual Platform:** Status: 1 Online, 0 Offline.
- Private Cloud:** Status: 0 Online, 0 Offline.
- Backup Verification:** Status: 0 (indicated by a red '0' icon).
- System Status:** Shows 'Activate Windows' and 'Go to Settings to activate Windows'.

The left sidebar contains a navigation menu with the following items:

- Home
- Monitor Center
- VM Backup
- Cloud Backup
- Physical Backup
- NAS Backup
- S3 Backup
- Application Backup
- Data Resilience
- Resources
- System

Success Stories

Some Reference Customers



THANK You!